Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Sunday 19 Mar 2023 until 23:59 on Monday 20 Mar 2023

Forecast Issued on Sunday 19 Mar 2023 at 02:14

Confidence: High for a largely fine day through much of tomorrow and for an unsettled week but lower with regard to timing of arrival and clearance of the more persistent bands of rain.

Headline for Sunday 19 Mar 2023: Bright and mainly dry with sunny spells. Evening rain.

Mountain weather hazards on Sunday 19 Mar 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Fog	Cloudy	Sunny intervals	Cloudy	Dull	Sleet
Precipitation probability					
<05%	<05%	<05%	<05%	10%	70%

Forecast for Sunday 19 Mar 2023

Weather: A bright day with sunny spells, the best of these through the morning, but cloud above the summits thickens through the afternoon. Outbreaks of rain, preceded briefly by sleet or wet snow over the higher summits in the evening, the rain becoming more persistent and occasionally heavy overnight.

Chance of cloud-free hill tops above 800m: Around 75% at dawn rising close to 100% by midday, chances fall towards zero in evening.

Low cloud and visibility: Occasional cloud above about 600m at first gradually lifting above the summits through the morning, more persistent cloud above 450-600m develops during the evening. Away from cloud visibility very good, falling to several kilometres in evening rain and perhaps briefly a kilometre in any summit snow.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Sunday 19 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	22/26 NW	12/15 NW	12/16 W	16/22 W	21/27 SW	24/31 SW	31/39 S
600	19/24 NW	12/16 NW	11/15 W	16/21 W	19/26 SW	22/29 SW	27/37 S
300	9/22 NW	8/15 NW	7/13 W	8/17 W	8/19 SW	12/26 S	9/26 S
Valley	7/19 NW	7/13 NW	8/13 W	9/16 SW	8/17 SW	8/19 S	5/19 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	0/-6	-0/-5	1/-4	1/-5	-1/-8	-0/-8	1/-6
600	2/-3	2/-2	3/-1	3/-2	2/-4	1/-5	2/-4
300	4/1	5/3	6/4	6/4	4/2	3/-1	4/0
Valley	6/4	7/5	8/6	8/5	7/4	6/3	6/4
Freezing Level*	900m	800m	900m	900m	700m	1300m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Still a significant chill, especially at higher elevations, despite the dry and bright conditions.

Forecast for Monday 20 Mar 2023

Weather: A mostly cloudy day with outbreaks of rain, these persistent and heavy at times, especially across southern and western fells, with underfoot conditions likely to become very wet. Best of any drier, brighter interludes expected over eastern and northern fells.

Maximum wind: Southerly or southwesterly 20-25mph, with gusts around 40-45mph over ridges and higher fells at first and again in evening.

Chance of cloud-free hill tops above 800m: Little or no chance across most fells, but 25% over far northern and eastern fells.

Low cloud and visibility: Periods or persistent cloud above 450-600m, lowering to 300m or less, especially over western and southern fells closest to the coast, at times, but cloud becoming more occasional above 600-750m at times over far northern and eastern fells. Away from cloud visibility good falling to several kilometres in rain.

Temperature: **Valleys:** Plus 5 or 6 Celsius rising to plus 11 or 12 Celsius by day
At 800m: Around plus 2 Celsius rising to plus 5 Celsius
Freezing level: Above the summits.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Saturday 18 March 2023. Location: Helvellyn summit at 11:15 Full report: A spring like day on the Lake District fells with plenty of showers and sunshine. The thaw of the surviving snow patches continues with summit temperatures of +5 C. These are mainly to be found on N through W aspects in sheltered hollows and gully exits above 700m. They will quickly refreeze if the freezing level drops significantly and could present a hazard but in general the majority of popular paths are now snow free and any remaining areas are easily bypassed. Striding and Swirral Edges on Helvellyn can now be climbed and descended without setting foot on snow. With the dramatic recent rises in temperature, there is now a significant contrast between the warmth of the sheltered valleys and the exposed high fells where the summit windchill was still around freezing. Thus for those venturing on the high fells full winter clothing (waterproofs, extra warm layers, hat & gloves) mountain boots and equipment - including a torch, map and compass and the ability to use them in potentially poor visibility – all remain essential both for safety and for enjoying the experience. Temperature: Plus 4.9 C, Maximum wind speed 14.2 mph, Wind chill: plus 1.0 C, Average wind speed: 9.3 mph

Issued at: 02:14 on Sun 19 Mar 2023

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